

AMENDMENTS

IN THE CLAIMS

Under 37 C.F.R. § 1.121(c)(1)(i), please rewrite claims 1, 11, and 12 as follows:

Q1 1. (Amended) A pressure sensitive adhesive for tissue repair comprising a thermoplastic lactide-containing terpolymer consisting of monomer units derived from lactic acid, glycolic acid, and either caprolactone or valerolactone, said terpolymer having an average molecular weight of 1,000 to 3,000, exhibiting an adhesive strength of about 600 to about 150,000 Pa, and having a water solubility of 0.01 to about 500 mg/ml at about 25°C.

Q2 11. (Amended) A pressure sensitive adhesive for tissue repair comprising a thermoplastic lactide-containing terpolymer consisting of monomer units derived from lactic acid, glycolic acid, and either caprolactone or valerolactone, said terpolymer having an average molecular weight of 1,000 to 2,500, exhibiting an adhesive strength of about 600 to about 150,000 Pa and having a water solubility of 0.01 to about 500 mg/ml at about 25°C.

12. (Amended) A pressure sensitive adhesive for tissue repair comprising a thermoplastic lactide-containing terpolymer consisting of monomer units derived from lactic acid, glycolic acid, and either caprolactone or valerolactone, said terpolymer being a moldable putty, having an average molecular weight of 1,000 to 3,000, exhibiting an adhesive strength of about 600 to about 150,000 Pa and having a water solubility of 0.01 to about 500 mg/ml at about 25°C.

Please add the following new claims:

03 13. (New) A pressure sensitive adhesive for tissue repair comprising a thermoplastic lactide-containing terpolymer of monomer units derived from lactic acid, glycolic acid, and either caprolactone or valerolactone, said terpolymer having an average molecular weight of 1,000 to 3,000, exhibiting an adhesive strength of about 600 to about 150,000 Pa, having a water solubility of 0.01 to about 500 mg/ml at about 25°C, and having a glass transition temperature of less than 0°C.

14. (New) A pressure sensitive adhesive for tissue repair comprising a thermoplastic lactide-containing terpolymer of monomer units derived from lactic acid, glycolic acid, and either caprolactone or valerolactone, said terpolymer having an average molecular weight of 1,000 to 3,000, exhibiting an adhesive strength of about 600 to about 150,000 Pa, and having a water solubility of 0.01 to about 500 mg/ml at about 25°C; and a filler.

2 15. (New) The pressure sensitive adhesive of claim 14 wherein the filler is selected from the group consisting of bone chips, tricalcium phosphate, hydroxylapatite, small intestine submucosa, bioglass granules, synthetic polymers, calcium carbonate, calcium sulfate and collagen.

16. (New) A pressure sensitive adhesive for tissue repair comprising

a³cont. a thermoplastic lactide-containing terpolymer of monomer units derived from lactic acid, glycolic acid, and either caprolactone or valerolactone, said terpolymer having an average molecular weight of 1,000 to 3,000, exhibiting an adhesive strength of about 600 to about 150,000 Pa, having a water solubility of 0.01 to about 500 mg/ml at about 25°C, and a bioactive agent.

17. (New) The pressure sensitive adhesive of claim 16 wherein the bioactive agent is a growth factor.

18. (New) The pressure sensitive adhesive of claim 17 wherein the growth factor is selected from the group consisting of a fibroblast growth factor, a transforming growth factor, a bone morphogenetic protein, an epidermal growth factor, a platelet-derived growth factor, and an insulin-like growth factor.
